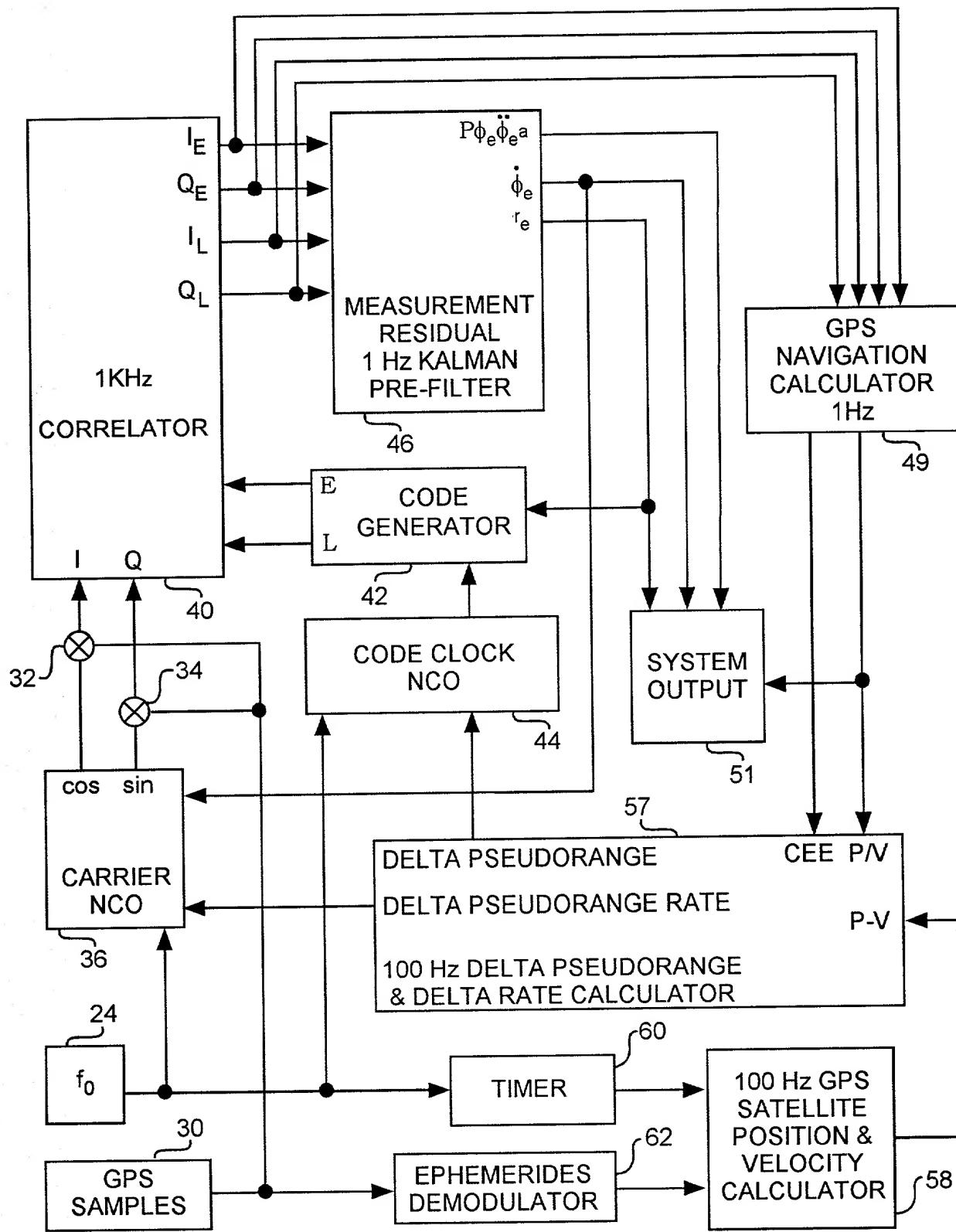


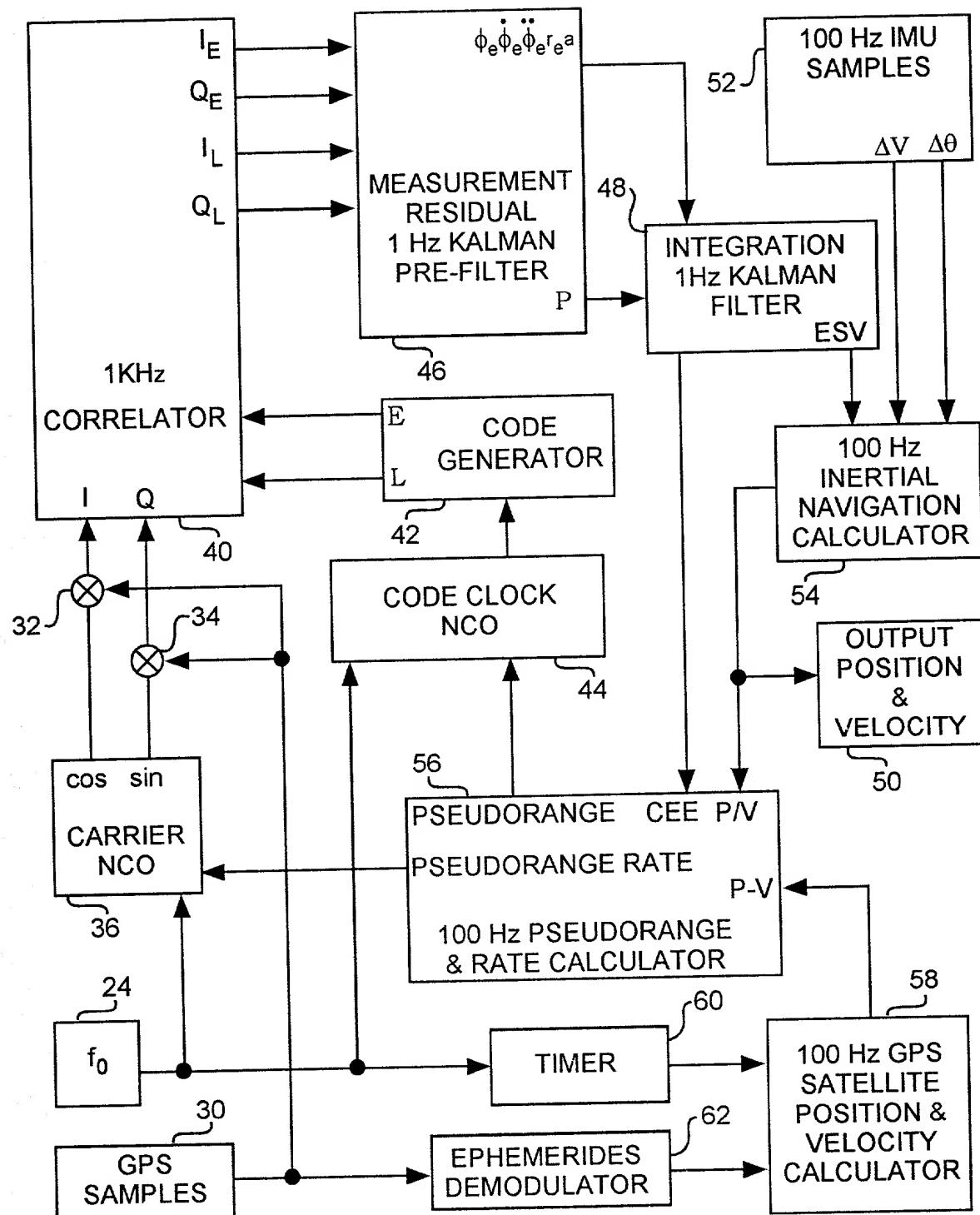
GPS INERTIAL NAVIGATION SYSTEM

FIG. 1



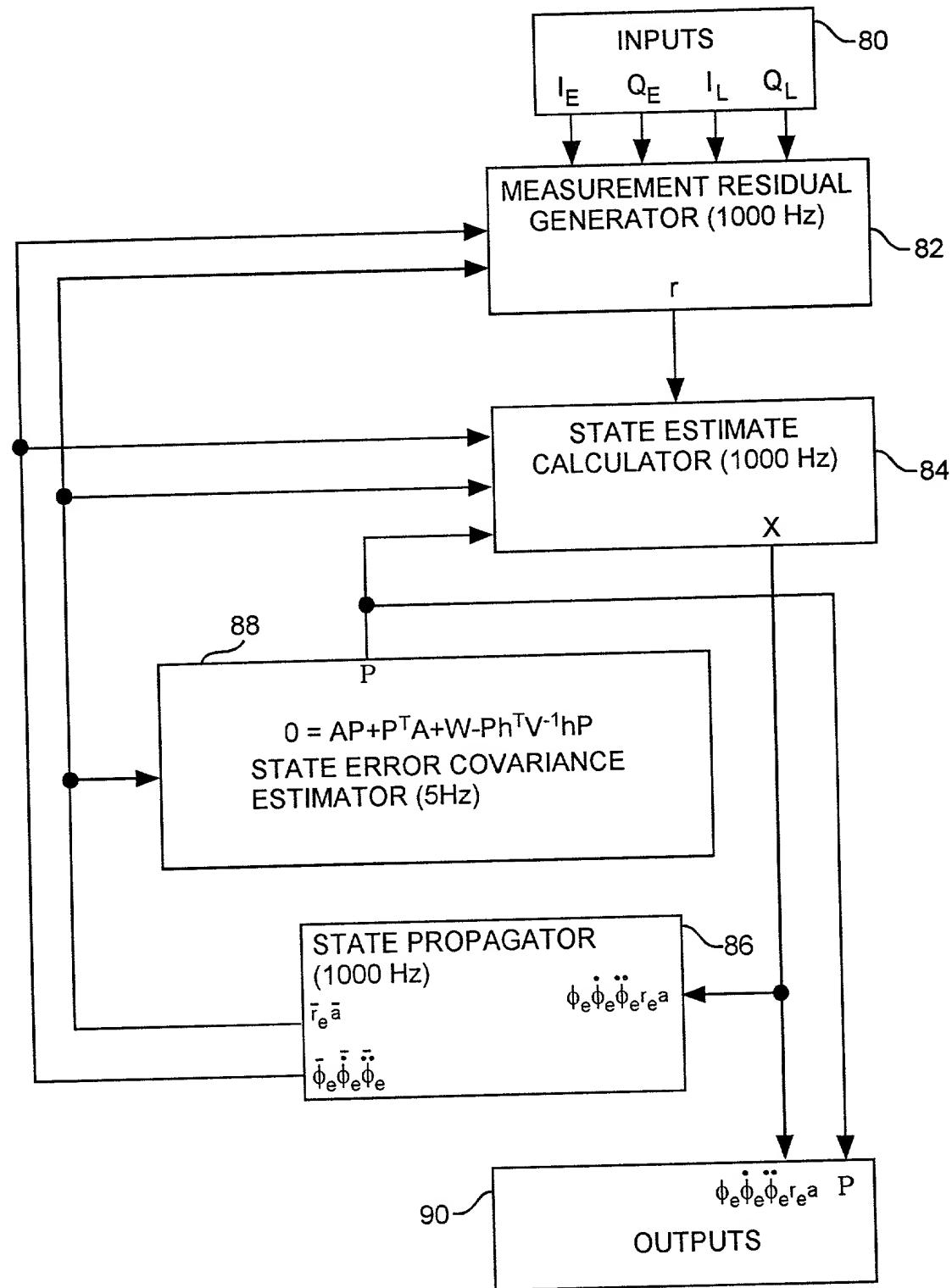
WEAK LOCK GPS NAVIGATION PROCESSOR

FIG. 2A



## III TRATIGHT GPS NAVIGATION PROCESSOR

FIG. 2B



GPS SIGNAL RESIDUAL ESTIMATOR PROCESS

FIG. 3